



PTO/SB/08B (08-03)

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | Application Number       | 09/882,283       |
|   |   |    |   | Filing Date              | June 14, 2001    |
|   |   |    |   | First Named Inventor     | Chen, Xiaopeng   |
|   |   |    |   | Art Unit                 | 2133             |
|   |   |    |   | Examiner Name            | Joseph D. Torres |
|   |   |    |   | Attorney Docket Number   | 020945-001510US  |
| Sheet   | 1 | of | 1 |                          |                  |

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| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                        | AA                    | US-   |                                |  |   |
|                        | AB                    | US-   |                                |  |   |

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| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup>           |
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|                                 | AE                    | M. VEDAT EYUBOGLU, et al., "Reduced-State Sequence Estimation with Set Partitioning and Decision Feedback", IEEE Transactions on Communications, vol. 36, no. 1, January 1988   |                |
|                                 | AF                    |   |                |

|                    |  |                 |          |
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| Examiner Signature |  | Date Considered | 2/8/2006 |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary)<br><br>Sheet <u>8</u> of <u>9</u> |  | <b>Complete If Known</b> |                 |
|   |  | Application Number       | 09/882,283      |
|   |  | Filing Date              | June 14, 2001   |
|   |  | First Named Inventor     | Chen, Xiaopeng  |
|   |  | Art Unit                 | 2631            |
|   |  | Examiner Name            | Unassigned      |
|   |  | Attorney Docket Number   | 020945-001510US |


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|  | AA                       | Chen et al. "Reduced-State Soft-Input/Soft-Output Algorithms for Complexity Reduction in Iterative and Non-Iterative Data Detection" IEEE International Conference on Communication 2000, vol 1. pgs 6-10   |                |

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|-----------------------|---|--------------------|--------|
| Examiner<br>Signature |  | Date<br>Considered | 3/6/06 |
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